



**NORTHERN
PENNSYLVANIA
REGIONAL COLLEGE**

**Industrial Maintenance Technology
Skill Set
13 Credit Hours**

Program Purpose

The Industrial Maintenance Technology Skill Set provides students the opportunity to earn a short-term stackable benchmark credential through a subset of courses within the Associate in Applied Science in Industrial Maintenance Technology. Students who successfully complete an Industrial Maintenance Technology Skill Set may choose to continue their studies or pursue entry-level employment.

Program Goals

Students who successfully complete the program will have competencies and skills to:

1. Use testing and measuring instruments common to metrology, electronics, hydraulics, and pneumatics to acquire data and troubleshoot essential system failures;
2. Evaluate electrical, hydraulic, and pneumatic systems and processes ;
3. Implement hardware and software components common to electrical, hydraulic, or pneumatic systems; and
4. Demonstrate knowledge of and ability to apply safety and quality assurance standards, processes, and practices employed within industrial settings.

Industrial Maintenance Technology Skill Set (13 credit hours)		Credit Hours	Prerequisite
IND 100	Industrial Safety	3	
IND 120	Fundamentals of Electricity and Electronics	4	
IND 115	Metrology and Measuring Instruments	3	
IND 140	Hydraulics and Pneumatics	3	